PM CATT

COL Kevin S. Noonan
Project Manager
Combined Arms Tactical Trainers

Mr. Pat Spangler
Deputy Project Manager
Combined Arms Tactical Trainers

PM CATT

COL Kevin S. Noonan
(PM)
Mr. Patrick Spangler
(DPM)

APM CCTT
Mr. John Foster

Close Combat Tactical Trainer
- Close Combat Tactical Trainer (CCTT)
- National Guard SIMNET Upgrade

PM STS
LTC Russ Hinds

Special Operations Training Systems
- Special Operations Air Ground Interface Simulator (SAGIS)
- LASAR, MH-6 (Little Bird) Flight Simulator
- MH-47G / MH-60M Flight Simulator

PM GCTT
LTC Joe Giunta

Ground Combat Tactical Trainers
- Engagement Skills Trainer (EST) 2000
- STRYKER Gunnery, Maintenance & Driver Trainers
- Call For Fire Trainer (CFFT)
- Abrams & Bradley Gunnery and Maintenance Trainers
- Laser Marksmanship Training System (LMTS)

Acting APM SE CORE
Mr. John Foster

- *Synthetic Environment Core*

PM ACTT
LTC Wil Riggins

Air & Command Tactical Trainers
- AVCATT / PM Armed Recon Helo Suppo
- PM Fixed Wing Support
- Utility/Cargo Helicopter Trainers
- Maritime Integrated Training System (
- AH-64 Combat Mission Simulator (CMS

CTT/SE CORE Current Contracts

CURRENT	CONTRACTORS	STATUS – OPTION YEARS
SE CORE Architecture and Integration	SAIC	1st month of 30 month effort
SE CORE Database Process	ARA LM STS Terrex	Awarded 3 contracts for phase 1 which is 8 months. Second phase is 10 months
CCTT Production	LM STS	3rd year with 1 more year of production
CCTT Image Generators	E&S	2nd year with follow-on contract for FY06
CCTT PPSS	Kaegan	1st year of contract with 4 options years
CCTT RVS	LM STS	Development of 2 RVS with option for 4 RVS
SIMNET XXI	Raydon	Production of 2 Armor Platoon sets

PM ACTT Current Contracts

CURRENT	CONTRACTORS	STATUS – OPTION YEARS
Aviation Combined Arms Tactical Trainer (AVCATT)	L3/Communications (L3Com)	Production & Deployment – thru FY 2009
Maritime Integrated Training System (MITS)	Computer Sciences Corporation (CSC)	Production & Deployment – thru FY 2005
Lift Simulator Modernization Program (LSMP)	Rockwell Collins	Production & Deployment – thru FY 2006
Additional Black Hawk Flight Simulators (ABHFS)	Rockwell Collins	Production & Deployment – thru FY 2006
AH-64A Combat Mission Simulator (CMS)	Northrop Grumman Management Systems (NGMS)	Production & Deployment – thru FY 2005

PM GCTT Current Contracts

CURRENT	CONTRACTORS	STATUS – OPTION YEARS
Engagement Skills Trainer 2000	CUBIC/FATS	Continuing production through FY 06
Laser Marksmanship Training System	L3/MPRI-Beamhit	Continuing production - TBD
Conduct of Fire Trainer (COFT) XXI	Raydon	Continuing production through FY 07
STRYKER Maintenance Training System	Rockwell Collins	Prototype deliveries in FY 05, production deliveries in FY 06 through FY 07
STRYKER MGS AGTS	LM STS	Continuing production through FY 07
Virtual Combat Convoy Trainer (VCCT)	LM STS/Raydon	Training Support / Services - TBD
HIMARS Maintenance Training Systems	RTI/DEI	Production through FY 10
Common Driver Trainer/STRYKER Variant	SAIC/FAAC	Production Through FY 07

PM STS Current Contracts

CURRENT	CONTRACTORS	STATUS – OPTION YEARS
LASAR, MH-6 (Little Bird) Flight Simulator	CAE, USA	Delivery expected 4th Qtr FY05
MH-47G / MH-60M Flight Simulators	CAE, USA	MH-47G delivery 3rd QTR FY06; MH60K/L delivery 2nd QTR FY07
Special Operations Air Ground Interface Simulator (SAGIS)	Rockwell Collins	Prototype to be delivered 4th QTR FY05
Special Reconnaissance Technology Insertion Effort	Rockwell Collins	Awarded March 2005
SOF Mission Rehearsal & Training System	CAE, USA	Awarded 12 April 2005
Simulation Block Upgrades	CAE, USA; Rockwell Collins	Various upgrades ongoing.
Blackhawk Trainer	Rockwell Collins	Delivery expected 3rd QTR FY06

PM CATT: Points of Contact

The Contracting Officer is POC for Programs in Solicitation Phase		
PM CATT: **COL Kevin S. Noonan, PM** **Mr. Patrick Spangler, DPM**	**kevin.noonan@peostri.army.mi** **patrick.spangler@peostri.army.mil**	**(407) 384-3600** **(407) 384-3602**
PM ACTT: **LTC Wil Riggins, PM** **Mr. Jeff Browning, DPM**	**wil.riggins@peostri.army.mil** **jeffrey.browning@peostri.army.mil**	**(407) 384-5140** **(407) 384-5175**
PM GCTT: **LTC Joseph Giunta, PM** **Mr. Robert Raisler, DPM**	**joseph.giunta@peostri.army.mil** **robert.raisler@peostri.army.mil**	**(407) 384-5160**
APM CCTT: **Mr. John D. Foster, APM**	**john.foster@peostri.army.mil**	**(407) 384-5162** **(407) 384-3814**
PM STS: **LTC Russell Hinds, PM** **Mr. John H. Womack, DPM**	**russell.hinds@peostri.army.mil** **john.h.womack@peostri.army.mil**	**(407) 384-5223** **(407) 384-5509**
APM SE CORE: **Mr. John D. Foster, APM**	**john.foster@peostri.army.mil**	**(407) 384-3814**

Focus Areas

Assistant Project Manager SE CORE:

- Database Production

Product Manager ACTT:

- AVCATT Expanded Capabilities and Platform Concurrency
- Virtual Helicopter Aircrew Trainer (VHAT)
- Armed Reconnaissance Helicopter (ARH)
- Future Cargo

Focus Areas

Product Manager GCTT:

- Medical Simulator Training Centers
- Virtual Combat Convoy Trainers
- Bradley Hands on Trainers (Maintenance)
- ASV – Family of Trainers
- FMTV – Family of Trainers
- EST 2000 – Re-compete
- Common [illegible]

Mr. John Foster
APM SE CORE

Synthetic Environment Core

Synthetic Environment Core

Description of Database Production

The Standard/Rapid Terrain Database Generation Capability STDGC) creates tools, process, procedures and infrastructure required for a single unified master database (MDB) built to the highest resolution possible and is maintained and updated based on new data sources and geo-political climate changes. Tailoring and formatting tools will extract correlated MDB run-times formats required by the confederate training systems based on systems capabilities and training or mission rehearsal objectives.

Acquisition Strategy

Develop, demonstrate and transition proof of concepts to an acquisition program.

Funding

H
$$$

Total Life Cycle

RDT&E/OMA

Point of Contact

Name: John Foster
Phone: 407-384-3814
Email:
john.foster@peostri.army.mil

Milestones

- **RFP Release 4QFY05**
- **Contract Award 1QFY06**
- **Establish First DB Center 1QFY07**

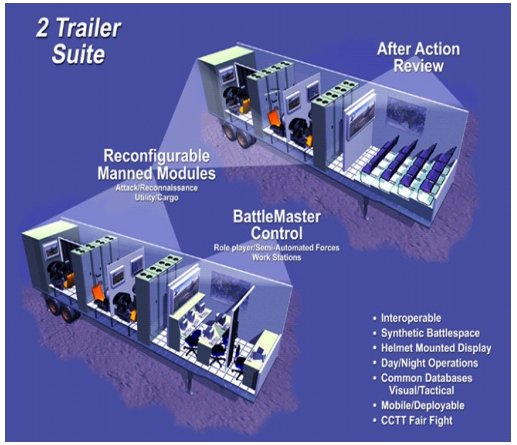
LTC Wil Riggins
Product Manager

Air Combat Tactical Trainers

AVCATT

Description

Required: Non-Proprietary Expanded Capabilities to include: Classified Operations (up to SECRET); Helmet/optics upgrade; L-V-C Interoperability; Motion Cueing for Manned Modules; Image Generator Tech Refresh; Armed Reconnaissance Helicopter (ARH); Unmanned Aerial Vehicle (UAV) to Aircraft interface; Deployable to remote locations



Acquisition Strategy

- **The Gov't Envisions subcontracting opportunities w/ AVCATT OEM;**

- **(or) Second Source via STOC**

Funding

M

$$

RDT&E and OPA

Point of Contact

Name: Don Philpitt
Phone: 407-384-5154
Email:
don.philpitt@peostri.army.mil

Milestones

RFP: FY05-FY11

CA: FY05-FY11

AVCATT

Description

Required: Non-Proprietary AVCATT
Concurrency Upgrades & Technical Refresh:
Longbow Block II
CH-47F (FY 06)
UH-60M (FY 08)
Longbow Block III (FY 10)

Acquisition Strategy

- **The Gov't Envisions subcontracting opportunities w/ AVCATT OEM;**
- **(or) Second Source via STOC**

Funding

H

$$$

RDT&E and OPA

Point of Contact

Name: MAJ Don Stewart
Phone: 407-384-3618
Email:
donald.g.stewart@peostri.army.mil

Milestones

RFP: FY05-FY11

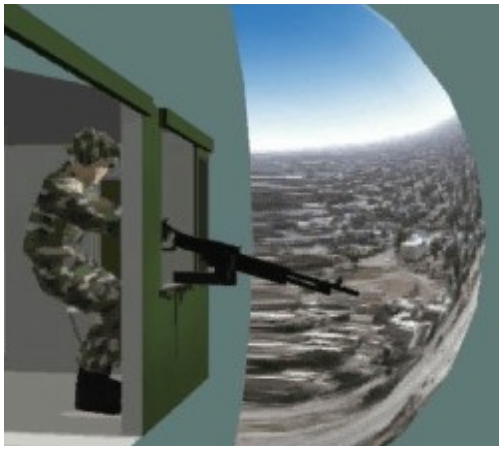
CA: FY05-FY11

VHAT (Virtual Helicopter Aircrew Trainer)

Description

- Emerging Requirements derived from the 101St ABN DIV (Air Assault) Operational Need Statement (ONS) for a Non-rated Crewmember (NCM) Training capability.

- Required: A non-proprietary NCM aircrew trainer with primary focus on training door gunnery tasks; Reconfigurable (CH-47/UH-60); transportable for individual/collective training; and Fair Fight Interoperable DIS / HLA/ SE Core compliant TADSS e.g. AVCATT, CCTT, VCCT, ESXXI)



Acquisition Strategy

• Currently conducting market research and training analysis to determine requirements and acquisition approach *(e.g. training* **iective**

Funding

L

$

TBD – Likely OMA

Point of Contact

Name: MAJ Brian Stehle
Phone: 407-384-5111
Email:
brian.stehle@peostri.army.mil

Milestones

RFP: FY05/06

CA: FY05/06

ARH (Armed Reconnaissance Helicopter)

Description

- Emerging TADSS requirements derived from the ARH Request For Proposal (RFP).
- Required: Non-proprietary Transportable Flight Simulator; Cockpit Procedures Trainer; Mission rehearsal/combat TADSS; FCS compatible software; and Fair Fight interoperable with DIS / HLA / SE Core compliant TADSS (e.g. AVCATT, CCTT, VCCT, FSXXI).

Acquisition Strategy

• The ARH Acquisition Strategy contains a provision for the platform OEM (TBD) to be responsible for all ARH TADSS.

• PM ARH's target date to award Platform contract is June 2005 and finalize the TADSS acquisition strategy is Oct 2005.

Point of Contact

Name: MAJ Brian Stehle
Phone: 407-384-5111
Email:
brian.stehle@peostri.army.mil

Funding

M
$$

RDT&E and OPA

Milestones

RFP: TBD

CA: TBD

FCA (Future Cargo Aircraft)

Description

- The FCA is the Army's new Intra-theater Cargo Aircraft (4 man crew – Pilot, Co-pilot, 2-Loadmasters); FUE: FY09
- Required: (Derived from the FCA STRAP): Non-proprietary suite of FCA TADSS, to include: Desktop Flight Simulator; Flight Simulator FAA level D; Cockpit Procedures Trainer; Loadmaster Simulator; Mission rehearsal/combat TADSS; FCS compatible software; Fair Fight interoperable with DIS / HLA / SE Core compliant TADSS (e.g. AVCATT, CCTT, VCCT, FSXXI).

Acquisition Strategy

• PM Fixed-Wing is currently conducting market research to assess whether the FCA platform OEM (TBD) should be responsible for all or part of FCA TADSS, or if TADSS will be developed separately.
•PM ACTT's role is currently support and

Funding

H
$$$

RDT&E and OPA

Point of Contact

Name: David Meyers
Phone: 407-384-3617
Email:
david.meyers@peostri.army.mil

Milestones

RFP:
TBD

CA:
TBD

LTC Joseph Giunta
Product Manager

Ground Combat Tactical Trainers

Medical Simulation Training Centers

Description

91W Simulation Training Centers – coordination and procurement
of simulators. Conduct the Tactical Combat Casualty Care Course (TC3), Conduct combat life-saver training for non-medical personnel, Additional training when available Conduct pre-deployment training to enhance trauma and life-saving skills/procedures, Conduct transition and sustainment training for 91Ws, Standardize the simulation training Program of Instruction (POI) , 13 CONUS / OCONUS sites.

Acquisition Strategy

Pending the completion of program requirements
STOC / Directed - TBD
Integration and Production Contract

Funding

L
$
R&D and OPA

Point of Contact

Name: Debra Marsden
Phone: 407-384-3580
Email:
debra.marsden@peostri.army.mil

Milestones

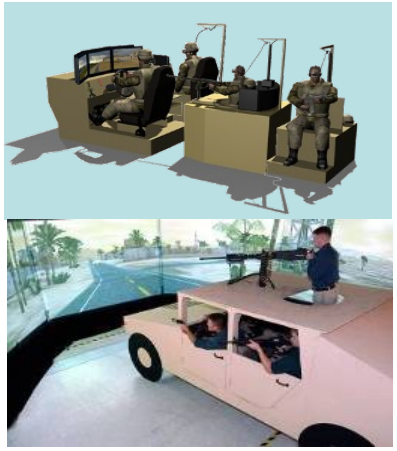
1 QTR 06 — RFI
4QTR 06 — CA
1QTR 07 — FUE
4QTR 07 — Complete

Initial site visit at Ft Campbell scheduled for 16 – 19 May 05

Virtual Combat Convoy Trainers

Description

PEO STRI will acquire and field a virtual training system to train drivers and gunners of military vehicles to identify a potential ambush, how to identify improvised explosive devices (IEDs), how to avoid an ambush, how to return fire, maneuver and to react appropriately in the Contemporary Operating Environment (COE). Recent combat operations have demonstrated the need for convoy combat training. Must have "Government Purpose Rights" for interoperability across the virtual domain.



Acquisition Strategy

Assuming approval for a new start program

STOC/Full and Open Competition - TBD

Funding

M

$$

RDT&E and OPA

Point of Contact

Contract

Name: MAJ Ted Perryman
Phone: 407-384-5265
Email: theodore.perryman@peostri.army.mil

Milestones

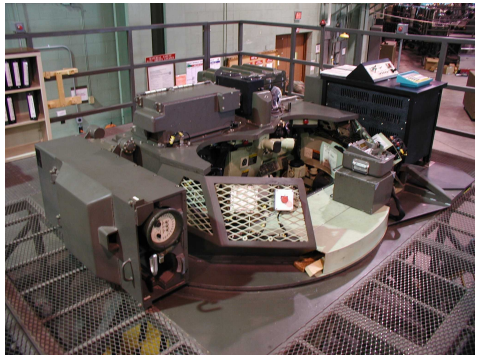
4 QTR 07 1QTR 08 4QTR 08 4QTR 10

RFP **CA** **FUE** **Complete**

BRADLEY Hands on Trainers (HOT)

Description

Hands On Trainer (HOT) – A full scale three dimensional replica of the Bradley ODS turret and driver's compartment. The maintenance training systems shall provide skill level development for system operation, fault diagnosis, troubleshooting, adjustments, removal/replacement, and repair tasks.



Acquisition Strategy

Upgrade to exisiting fielded devices

STOC

Production Contract

Funding

L

$

RDT&E and OPA

Point of Contact

Name: Debra Marsden
Phone: 407-384-3580
Email: debra.marsden@peostri.army.mil

Milestones

1 QTR 06	2QTR 06	3QTR 07	2QTR 09
RFP	CA	FUE	Complete

Armored Security Vehicle Family of Trainers

Description

The ASV-150 is an armored, wheeled vehicle equipped with
a turret and armament system designed to meet the security
mission requirements of the Military Police Corps. The vehicle features roll-on/roll-off C130 transportability in the fully operational configuration. The MP School is currently defining a training strategy for driver, gunner, and maintenance training. Must have "Government Purpose Rights" for interoperability across the virtual domain

Acquisition Strategy

Pending the completion of program requirements

STOC

Development and Production Contract

Funding

L

$

RDT&E and OPA

Point of Contact

Name: TBD
Phone: 407-384-5160/5161/6162
Email: joseph.giunta@peostri.army.mil

Milestones

TBD **TBD** **TBD** **TBD**

RFP **CA** **FUE** **Complete**

Family of Medium Tactical Vehicles Family of Trainers

Description

Family of Medium Tactical Vehicles (FMTV) is a family of diesel-powered trucks in the 2-½ ton and 5 ton payload classes to
Modernize and improve the existing medium vehicle fleet.
Must have “Government Purpose Rights” for interoperability across the virtual domain.

2.5 Ton Chassis, M1060 A1
2.5 Ton Van, M1079 A1
2.5 Ton Standard Cargo, M1078 A1
2.5 Ton LVAD Cargo, M1081
5.0 Ton Standard Cargo, M1083 A1
5.0 Ton LVAD Cargo, M1093
5.0 Ton Long Chassis, M1096 A1
5.0 Ton Expansible Van, M1087 A1
5.0 Ton Chassis, M1092 A1
5.0 Ton Wrecker, M1089 A1
5.0 Ton Standard Cargo With MHE, M1084 A1
5.0 Ton Tanker, M1091 A1
5.0 Ton Dump, M1090 A1
5.0 Ton LVAD Dump, M1094
5.0 Long Cargo With MHE, M1086 A1
5.0 Ton Tractor, M1088 A1
5.0 Ton Standard Long Cargo, M1085 A1
2.5 Ton Trailer, M1082 A1
5.0 Ton Trailer, M1095 A1

Acquisition Strategy

Pending the compleiton of program requirements

STOC

Development and Production Contract

Funding

L

$

RDT&E and OPA

Point of Contact

Name: TBD
Phone: 407-384-5160/5161/6162
Email: joseph.giunta@peostri.army.mil

Milestones

TBD **TBD** **TBD** **TBD**

RFP **CA** **FUE** **Complete**

EST 2000 Recompete

Description

The Engagement Skills Trainer 2000 (EST 2000) is an indoor,
multipurpose, multilane, small arms training simulator. It simulates weapon training events which lead to live-fire individual/crew weapon qualification and training events. It simulates squad collective gunnery and tactical tasks for defense and ambush missions using “laser bullets” that have been eye safety validated. Must have “Government Purpose Rights” for interoperability across the virtual domain.

Acquisition Strategy

STOC

Follow on production requirement to achieve the most current technology

Funding

H

$$$

RDT&E and OPA

Point of Contact

Name: Frank Schlemmer
Phone: 407-384-5183
Email:
frank.schlemmer@peostri.army.mil

Milestones

4 QTR 05 FY09 — **RFP**

1QTR 06 — **CA**

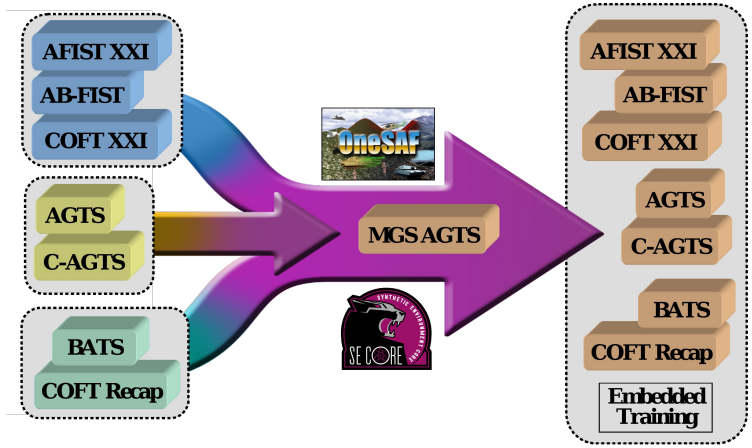
4QTR 06 — **FUE**

Complete

on Gunnery Architecture (CGA)

Common Software Components

The goal of CGA is to standardize all of the gunnery training systems into a single software product line to enable the most prudent long-term growth potential in training capability and effectiveness. The CGA is an extension of the OneSAF Objective System (OOS) product line architecture, and its components, to support precision gunnery training devices within a common virtual environment.



Acquisition Strategy

- **Evolutionary acquisition strategy through an incremental development process.**
- **Stryker MGS AGTS used as developmental platform for first increment.**
- **Multiple contracts will be awarded to the segment.**

Funding

L

$

RDT&E and OPA

Point of Contact

Name: MAJ Torry Brennan
Phone: 407-384-5543
Email: william.brennan1@peostri.army.mil

Milestones

- **Industry Day: 12 JUL 05**
- **RFP: 15 JUL 05**
- **CA: 15 SEP 05**